

Applicant: Smith et al.  
For: A LAUNCHER PLATFORM

1 (Once amended)  
1. ( A launcher platform comprising:  
2 a <sup>monolithic platform</sup> support structure; and  
3 a plurality of rails mounted on the <sup>monolithic platform</sup> support structure for  
4 supporting <sup>missiles</sup> ~~missiles~~ thereon,  
5 each adjacent rail elevated above the other rails to accommodate  
6 additional <sup>missiles</sup> ~~missiles~~ and different type <sup>missiles</sup> ~~missiles~~ while maintaining a low  
7 center of gravity.

1 (Once amended)  
2. ( The launcher platform of claim 1 in which there are six rails total, three  
2 on each side of the <sup>monolithic platform</sup> support structure, and the intermediate rails on each side are elevated  
3 above the other rails.

1 (Once amended)  
3. ( The launcher platform of claim 1 in which there are N total rails where N  
2 is an even number, N/2 rails on each side of the <sup>monolithic platform</sup> support structure, and the minority of  
3 the rails are elevated.

1 4. The launcher platform of claim 1 in which adjacent rails are offset from  
2 the other rails.

1 5. The launcher platform of claim 4 in which the offset rails are offset  
2 rearwardly from the other rails.

1 6. The launcher platform of claim 4 in which the elevated rails are offset

2 from the other rails.

1 (Once amended)  
2 7. The launcher platform of claim 4 in which there are six rails total, three  
3 on each side of the <sup>monolithic platform</sup> support structure, and the intermediate rails on each side are elevated  
above and offset rearwardly from the other rails.

1 (Once amended)  
2 8. The launcher platform of claim 4 in which there are N rails total where N  
3 is an even number, N/2 rails on each side of the <sup>monolithic platform</sup> support structure, and the minority of  
the rails are offset from the other rails.

1 ~~9. The launcher platform of claim 1 in which the support structure is a~~  
2 ~~monolithic platform.~~

1 (Once amended) 1 Support structure  
2 10. The launcher platform of claim 1 in which the monolithic platform  
includes a set of mounting pads for each rail.

1 (Once amended)  
2 11. The launcher platform of claim 10 in which the mounting pads are cast  
as a part of the <sup>monolithic</sup> platform support structure

1 (Once amended) 1 monolithic support structure  
2 12. The launcher platform of claim 1 in which the platform has a  
predetermined width and a predefined length.

1 (Once amended) 1 monolithic support structure  
2 13. The launcher platform of claim 1 in which the platform is made of  
aluminum.

1 14. <sup>(Once amended)</sup> <sup>1</sup> <sup>monolithic support structure</sup>  
The launcher platform of claim 1 in which the platform is made of a  
2 composite material.

1 15. <sup>(Once amended)</sup> <sup>1</sup> <sup>monolithic support structure</sup>  
The launcher platform of claim 1 in which the platform has a center line  
2 and the rails are symmetrically arranged with respect to the center line of the platform.

1 (Once amended)  
 16. A launcher platform comprising:  
 2 a <sup>monolithic platform</sup> support structure; and  
 3 a plurality of rails mounted on the <sup>monolithic platform</sup> support structure for  
 4 supporting <sup>missiles</sup> ~~missiles~~ thereon,  
 5 each adjacent rail elevated above and offset rearwardly from the other  
 6 rails to accommodate additional missiles and different type <sup>missiles</sup> ~~missiles~~ while  
 7 maintaining a low center of gravity.

1 (Once amended)  
 17. The launcher platform of claim 16 in which there are six rails total, three  
 2 on each side of the <sup>monolithic platform</sup> support structure, and the intermediate rails on each side are elevated  
 3 above the other rails.

1 (Once amended)  
 18. The launcher platform of claim 16 in which there are N rails total where  
 2 N is an even number, N/2 rails on each side of the <sup>monolithic platform</sup> support structure, and the minority of  
 3 the rails are elevated.

1 (Once amended)  
 19. The launcher platform of claim 16 in which there are N rails total where  
 2 N is an even number, N/2 rails on each side of the <sup>monolithic platform</sup> support structure and the minority of  
 3 the rails are offset rearwardly from the other rails.

1 ~~20. The launcher platform of claim 16 in which the support structure is a~~  
 2 ~~monolithic platform.~~

1 (Once amended) 16 support structure  
 21. The launcher platform of claim ~~20~~ in which the monolithic platform  
 2 includes a set of mounting pads for each rail.

1 22. (Once amended) The launcher platform of claim 21 in which the mounting pads are cast  
2 as a part of the <sup>monolithic</sup> platform <sup>support structure</sup>

1 23. (Once amended) 16 monolithic support structure The launcher platform of claim ~~20~~ in which the platform has a  
2 predetermined width and a predefined length.

1 24. (Once amended) 16 monolithic support structure The launcher platform of claim ~~20~~ in which the platform is made of  
2 aluminum.

1 25. (Once amended) 16 monolithic support structure The launcher platform of claim ~~20~~ in which the platform is made of a  
2 composite material.

1 26. (Once amended) 16 monolithic support structure The launcher platform of claim ~~20~~ in which the platform has a center line  
2 and the rails are symmetrically arranged with respect to the centerline of the platform.

1 (Once amended)  
27. ( A launcher platform comprising:  
2 <sup>monolithic platform</sup>  
a support structure; and  
3 <sup>monolithic platform</sup>  
a plurality of rails on each side of the support structure, at least  
4 one rail on each side elevated above the other rails to accommodate additional <sup>missiles</sup> ~~missiles~~  
5 and different type <sup>missiles</sup> ~~missiles~~.

1 (Once amended)  
28. ( The launcher platform of claim 27 in which there are N rails total where  
2 <sup>monolithic platform</sup>  
N is an even number, N/2 rails on each side of the support structure, and the minority of  
3 the rails on each side are elevated.

1 29. The launcher platform of claim 27 in which at least one rail is offset  
2 from the other rail or rails.

(Once amended)  
1 30. A launcher platform comprising:  
2 <sup>monolithic platform</sup>  
a support structure; and <sup>monolithic platform</sup>  
3 a plurality of rails on each side of the support structure, at least  
4 one rail on each side offset rearwardly from the other rail or rails to accommodate  
5 additional <sup>missiles</sup> and different type <sup>missiles</sup>.

1 31. The launcher platform of claim 30 in which at least one rail is elevated  
2 above the other rail or rails.